

TABLE OF CONTENTS

VOLUME ONE

SECTION A

DISCLAIMER

ABSTRACT

TABLE OF CONTENTS

METHOD INDEX AND CONVERSION TABLE

PREFACE

ACKNOWLEDGEMENTS

PART I METHODS FOR ANALYTES AND PROPERTIES

CHAPTER ONE -- QUALITY CONTROL

- 1.0 Introduction
- 2.0 QA Project Plan
- 3.0 Field Operations
- 4.0 Laboratory Operations
- 5.0 Definitions
- 6.0 References

CHAPTER TWO -- CHOOSING THE CORRECT PROCEDURE

- 2.1 Purpose
- 2.2 Required Information
- 2.3 Implementing the Guidance
- 2.4 Characteristics
- 2.5 Ground Water
- 2.6 References

CHAPTER THREE -- INORGANIC ANALYTES

- 3.1 Sampling Considerations
- 3.2 Sample Preparation Methods

- Method 3005A:** Acid Digestion of Waters for Total Recoverable or Dissolved Metals for Analysis by FLAA or ICP Spectroscopy
- Method 3010A:** Acid Digestion of Aqueous Samples and Extracts for Total Metals for Analysis by FLAA or ICP Spectroscopy
- Method 3015:** Microwave Assisted Acid Digestion of Aqueous Samples and Extracts

Method 3020A:	Acid Digestion of Aqueous Samples and Extracts for Total Metals for Analysis by GFAA Spectroscopy
Method 3031:	Acid Digestion of Oils for Metals Analysis by Atomic Absorption or ICP Spectrometry
Method 3040A:	Dissolution Procedure for Oils, Greases, or Waxes
Method 3050B:	Acid Digestion of Sediments, Sludges, and Soils
Method 3051:	Microwave Assisted Acid Digestion of Sediments, Sludges, Soils, and Oils
Method 3052:	Microwave Assisted Acid Digestion of Siliceous and Organically Based Matrices
Method 3060A:	Alkaline Digestion for Hexavalent Chromium

3.3 Methods for Determination of Inorganic Analytes

Method 6010B:	Inductively Coupled Plasma-Atomic Emission Spectrometry
Method 6020:	Inductively Coupled Plasma-Mass Spectrometry
Method 7000A:	Atomic Absorption Methods
Method 7020:	Aluminum (Atomic Absorption, Direct Aspiration)
Method 7040:	Antimony (Atomic Absorption, Direct Aspiration)
Method 7041:	Antimony (Atomic Absorption, Furnace Technique)
Method 7060A:	Arsenic (Atomic Absorption, Furnace Technique)
Method 7061A:	Arsenic (Atomic Absorption, Gaseous Hydride)
Method 7062:	Antimony and Arsenic (Atomic Absorption, Borohydride Reduction)
Method 7063:	Arsenic in Aqueous Samples and Extracts by Anodic Stripping Voltammetry (ASV)
Method 7080A:	Barium (Atomic Absorption, Direct Aspiration)
Method 7081:	Barium (Atomic Absorption, Furnace Technique)
Method 7090:	Beryllium (Atomic Absorption, Direct Aspiration)
Method 7091:	Beryllium (Atomic Absorption, Furnace Technique)
Method 7130:	Cadmium (Atomic Absorption, Direct Aspiration)
Method 7131A:	Cadmium (Atomic Absorption, Furnace Technique)
Method 7140:	Calcium (Atomic Absorption, Direct Aspiration)
Method 7190:	Chromium (Atomic Absorption, Direct Aspiration)
Method 7191:	Chromium (Atomic Absorption, Furnace Technique)
Method 7195:	Chromium, Hexavalent (Coprecipitation)
Method 7196A:	Chromium, Hexavalent (Colorimetric)
Method 7197:	Chromium, Hexavalent (Chelation/Extraction)
Method 7198:	Chromium, Hexavalent (Differential Pulse Polarography)
Method 7199:	Determination of Hexavalent Chromium in Drinking Water, Groundwater and Industrial Wastewater Effluents by Ion Chromatography
Method 7200:	Cobalt (Atomic Absorption, Direct Aspiration)
Method 7201:	Cobalt (Atomic Absorption, Furnace Technique)
Method 7210:	Copper (Atomic Absorption, Direct Aspiration)
Method 7211:	Copper (Atomic Absorption, Furnace Technique)
Method 7380:	Iron (Atomic Absorption, Direct Aspiration)
Method 7381:	Iron (Atomic Absorption, Furnace Technique)
Method 7420:	Lead (Atomic Absorption, Direct Aspiration)
Method 7421:	Lead (Atomic Absorption, Furnace Technique)
Method 7430:	Lithium (Atomic Absorption, Direct Aspiration)

Method 7450:	Magnesium (Atomic Absorption, Direct Aspiration)
Method 7460:	Manganese (Atomic Absorption, Direct Aspiration)
Method 7461:	Manganese (Atomic Absorption, Furnace Technique)
Method 7470A:	Mercury in Liquid Waste (Manual Cold-Vapor Technique)
Method 7471A:	Mercury in Solid or Semisolid Waste (Manual Cold-Vapor Technique)
Method 7472:	Mercury in Aqueous Samples and Extracts by Anodic Stripping Voltammetry (ASV)
Method 7480:	Molybdenum (Atomic Absorption, Direct Aspiration)
Method 7481:	Molybdenum (Atomic Absorption, Furnace Technique)
Method 7520:	Nickel (Atomic Absorption, Direct Aspiration)
Method 7521:	Nickel (Atomic Absorption, Furnace Method)
Method 7550:	Osmium (Atomic Absorption, Direct Aspiration)
Method 7580:	White Phosphorus (P ₄) by Solvent Extraction and Gas Chromatography
Method 7610:	Potassium (Atomic Absorption, Direct Aspiration)
Method 7740:	Selenium (Atomic Absorption, Furnace Technique)
Method 7741A:	Selenium (Atomic Absorption, Gaseous Hydride)
Method 7742:	Selenium (Atomic Absorption, Borohydride Reduction)
Method 7760A:	Silver (Atomic Absorption, Direct Aspiration)
Method 7761:	Silver (Atomic Absorption, Furnace Technique)
Method 7770:	Sodium (Atomic Absorption, Direct Aspiration)
Method 7780:	Strontium (Atomic Absorption, Direct Aspiration)
Method 7840:	Thallium (Atomic Absorption, Direct Aspiration)
Method 7841:	Thallium (Atomic Absorption, Furnace Technique)
Method 7870:	Tin (Atomic Absorption, Direct Aspiration)
Method 7910:	Vanadium (Atomic Absorption, Direct Aspiration)
Method 7911:	Vanadium (Atomic Absorption, Furnace Technique)
Method 7950:	Zinc (Atomic Absorption, Direct Aspiration)
Method 7951:	Zinc (Atomic Absorption, Furnace Technique)

APPENDIX -- COMPANY REFERENCES

NOTE: A suffix of "A" in the method number indicates revision one (the method has been revised once). A suffix of "B" in the method number indicates revision two (the method has been revised twice). A suffix of "C" in the method number indicates revision three (the method has been revised three times). **In order to properly document the method used for analysis, the entire method number including the suffix letter designation (e.g., A, B, or C) must be identified by the analyst.** A method reference found within the RCRA regulations and the text of SW-846 methods and chapters refers to the latest promulgated revision of the method, even though the method number does not include the appropriate letter suffix.

VOLUME ONE

SECTION B

DISCLAIMER

ABSTRACT

TABLE OF CONTENTS

METHOD INDEX AND CONVERSION TABLE

PREFACE

ACKNOWLEDGEMENTS

CHAPTER ONE, REPRINTED -- QUALITY CONTROL

- 1.0 Introduction
- 2.0 QA Project Plan
- 3.0 Field Operations
- 4.0 Laboratory Operations
- 5.0 Definitions
- 6.0 References

CHAPTER FOUR -- ORGANIC ANALYTES

- 4.1 Sampling Considerations
- 4.2 Sample Preparation Methods

4.2.1 Extractions and Preparations

- Method 3500B:** Organic Extraction and Sample Preparation
- Method 3510C:** Separatory Funnel Liquid-Liquid Extraction
- Method 3520C:** Continuous Liquid-Liquid Extraction
- Method 3535:** Solid-Phase Extraction (SPE)
- Method 3540C:** Soxhlet Extraction
- Method 3541:** Automated Soxhlet Extraction
- Method 3542:** Extraction of Semivolatile Analytes Collected Using Method 0010 (Modified Method 5 Sampling Train)
- Method 3545:** Pressurized Fluid Extraction (PFE)
- Method 3550B:** Ultrasonic Extraction
- Method 3560:** Supercritical Fluid Extraction of Total Recoverable Petroleum Hydrocarbons
- Method 3561:** Supercritical Fluid Extraction of Polynuclear Aromatic Hydrocarbons
- Method 3580A:** Waste Dilution
- Method 3585:** Waste Dilution for Volatile Organics
- Method 5000:** Sample Preparation for Volatile Organic Compounds
- Method 5021:** Volatile Organic Compounds in Soils and Other Solid Matrices Using Equilibrium Headspace Analysis
- Method 5030B:** Purge-and-Trap for Aqueous Samples

Method 5031:	Volatile, Nonpurgeable, Water-Soluble Compounds by Azeotropic Distillation
Method 5032:	Volatile Organic Compounds by Vacuum Distillation
Method 5035:	Closed-System Purge-and-Trap and Extraction for Volatile Organics in Soil and Waste Samples
Method 5041A:	Analysis for Desorption of Sorbent Cartridges from Volatile Organic Sampling Train (VOST)

4.2.2 Cleanup

Method 3600C:	Cleanup
Method 3610B:	Alumina Cleanup
Method 3611B:	Alumina Column Cleanup and Separation of Petroleum Wastes
Method 3620B:	Florisil Cleanup
Method 3630C:	Silica Gel Cleanup
Method 3640A:	Gel-Permeation Cleanup
Method 3650B:	Acid-Base Partition Cleanup
Method 3660B:	Sulfur Cleanup
Method 3665A:	Sulfuric Acid/Permanganate Cleanup

4.3 Determination of Organic Analytes

4.3.1 Gas Chromatographic Methods

Method 8000B:	Determinative Chromatographic Separations
Method 8011:	1,2-Dibromoethane and 1,2-Dibromo-3-chloropropane by Microextraction and Gas Chromatography
Method 8015B:	Nonhalogenated Organics Using GC/FID
Method 8021B:	Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors
Method 8031:	Acrylonitrile by Gas Chromatography
Method 8032A:	Acrylamide by Gas Chromatography
Method 8033:	Acetonitrile by Gas Chromatography with Nitrogen-Phosphorus Detection
Method 8041:	Phenols by Gas Chromatography
Method 8061A:	Phthalate Esters by Gas Chromatography with Electron Capture Detection (GC/ECD)
Method 8070A:	Nitrosamines by Gas Chromatography
Method 8081A:	Organochlorine Pesticides by Gas Chromatography
Method 8082:	Polychlorinated Biphenyls (PCBs) by Gas Chromatography
Method 8091:	Nitroaromatics and Cyclic Ketones by Gas Chromatography
Method 8100:	Polynuclear Aromatic Hydrocarbons
Method 8111:	Haloethers by Gas Chromatography
Method 8121:	Chlorinated Hydrocarbons by Gas Chromatography: Capillary Column Technique
Method 8131:	Aniline and Selected Derivatives by Gas Chromatography
Method 8141A:	Organophosphorus Compounds by Gas Chromatography: Capillary Column Technique
Method 8151A:	Chlorinated Herbicides by GC Using Methylation or Pentafluorobenzoylation Derivatization

4.3.2 Gas Chromatographic/Mass Spectroscopic Methods

- Method 8260B:** Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)
- Method 8270C:** Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)
- Method 8275A:** Semivolatile Organic Compounds (PAHs and PCBs) in Soils/Sludges and Solid Wastes Using Thermal Extraction/Gas Chromatography/Mass Spectrometry (TE/GC/MS)
- Method 8280A:** The Analysis of Polychlorinated Dibenzo-*p*-Dioxins and Polychlorinated Dibenzofurans by High Resolution Gas Chromatography/Low Resolution Mass Spectrometry (HRGC/LRMS)
- Method 8290:** Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by High-Resolution Gas Chromatography/High-Resolution Mass Spectrometry (HRGC/HRMS)
- Attachment A:** Procedures for the Collection, Handling, Analysis, and Reporting of Wipe Tests Performed within the Laboratory

4.3.3 High Performance Liquid Chromatographic Methods

- Method 8310:** Polynuclear Aromatic Hydrocarbons
- Method 8315A:** Determination of Carbonyl Compounds by High Performance Liquid Chromatography (HPLC)
- Appendix A:** Recrystallization of 2,4-Dinitrophenylhydrazine (DNPH)
- Method 8316:** Acrylamide, Acrylonitrile and Acrolein by High Performance Liquid Chromatography (HPLC)
- Method 8318:** N-Methylcarbamates by High Performance Liquid Chromatography (HPLC)
- Method 8321A:** Solvent Extractable Nonvolatile Compounds by High Performance Liquid Chromatography/Thermospray/Mass Spectrometry (HPLC/TS/MS) or Ultraviolet (UV) Detection
- Method 8325:** Solvent Extractable Nonvolatile Compounds by High Performance Liquid Chromatography/Particle Beam/Mass Spectrometry (HPLC/PB/MS)
- Method 8330:** Nitroaromatics and Nitramines by High Performance Liquid Chromatography (HPLC)
- Method 8331:** Tetrazene by Reverse Phase High Performance Liquid Chromatography (HPLC)
- Method 8332:** Nitroglycerine by High Performance Liquid Chromatography

4.3.4 Infrared Methods

- Method 8410:** Gas Chromatography/Fourier Transform Infrared (GC/FT-IR) Spectrometry for Semivolatile Organics: Capillary Column
- Method 8430:** Analysis of Bis(2-chloroethyl) Ether and Hydrolysis Products by Direct Aqueous Injection GC/FT-IR
- Method 8440:** Total Recoverable Petroleum Hydrocarbons by Infrared Spectrophotometry

4.3.5 Miscellaneous Spectrometric Methods

Method 8520: Continuous Measurement of Formaldehyde in Ambient Air

4.4 Immunoassay Methods

Method 4000: Immunoassay
Method 4010A: Screening for Pentachlorophenol by Immunoassay
Method 4015: Screening for 2,4-Dichlorophenoxyacetic Acid by Immunoassay
Method 4020: Screening for Polychlorinated Biphenyls by Immunoassay
Method 4030: Soil Screening for Petroleum Hydrocarbons by Immunoassay
Method 4035: Soil Screening for Polynuclear Aromatic Hydrocarbons by Immunoassay
Method 4040: Soil Screening for Toxaphene by Immunoassay
Method 4041: Soil Screening for Chlordane by Immunoassay
Method 4042: Soil Screening for DDT by Immunoassay
Method 4050: TNT Explosives in Soil by Immunoassay
Method 4051: Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) in Soil by Immunoassay

4.5 Miscellaneous Screening Methods

Method 3810: Headspace
Method 3820: Hexadecane Extraction and Screening of Purgeable Organics
Method 8515: Colorimetric Screening Method for Trinitrotoluene (TNT) in Soil
Method 9078: Screening Test Method for Polychlorinated Biphenyls in Soil
Method 9079: Screening Test Method for Polychlorinated Biphenyls in Transformer Oil

APPENDIX -- COMPANY REFERENCES

NOTE: A suffix of "A" in the method number indicates revision one (the method has been revised once). A suffix of "B" in the method number indicates revision two (the method has been revised twice). A suffix of "C" in the method number indicates revision three (the method has been revised three times). **In order to properly document the method used for analysis, the entire method number including the suffix letter designation (e.g., A, B, or C) must be identified by the analyst.** A method reference found within the RCRA regulations and the text of SW-846 methods and chapters refers to the latest promulgated revision of the method, even though the method number does not include the appropriate letter suffix.

VOLUME ONE

SECTION C

DISCLAIMER

ABSTRACT

TABLE OF CONTENTS

METHOD INDEX AND CONVERSION TABLE

PREFACE

CHAPTER ONE, REPRINTED -- QUALITY CONTROL

- 1.0 Introduction
- 2.0 QA Project Plan
- 3.0 Field Operations
- 4.0 Laboratory Operations
- 5.0 Definitions
- 6.0 References

CHAPTER FIVE -- MISCELLANEOUS TEST METHODS

Method 5050:	Bomb Preparation Method for Solid Waste
Method 9010B:	Total and Amenable Cyanide: Distillation
Method 9012A:	Total and Amenable Cyanide (Automated Colorimetric, with Off-Line Distillation)
Method 9013:	Cyanide Extraction Procedure for Solids and Oils
Method 9014:	Titrimetric and Manual Spectrophotometric Determinative Methods for Cyanide
Method 9020B:	Total Organic Halides (TOX)
Method 9021:	Purgeable Organic Halides (POX)
Method 9022:	Total Organic Halides (TOX) by Neutron Activation Analysis
Method 9023:	Extractable Organic Halides (EOX) in Solids
Method 9030B:	Acid-Soluble and Acid-Insoluble Sulfides: Distillation
Method 9031:	Extractable Sulfides
Method 9034:	Titrimetric Procedure for Acid-Soluble and Acid-Insoluble Sulfides
Method 9035:	Sulfate (Colorimetric, Automated, Chloranilate)
Method 9036:	Sulfate (Colorimetric, Automated, Methylthymol Blue, AA II)
Method 9038:	Sulfate (Turbidimetric)
Method 9056:	Determination of Inorganic Anions by Ion Chromatography
Method 9057:	Determination of Chloride from HCl/Cl ₂ Emission Sampling Train (Methods 0050 and 0051) by Anion Chromatography
Method 9060:	Total Organic Carbon
Method 9065:	Phenolics (Spectrophotometric, Manual 4-AAP with Distillation)
Method 9066:	Phenolics (Colorimetric, Automated 4-AAP with Distillation)
Method 9067:	Phenolics (Spectrophotometric, MBTH with Distillation)
Method 9070:	See Method 1664, Publication No. EPA-821-R-98-002
Method 9071B:	n-Hexane Extractable Material (HEM) for Sludge, Sediment, and Solid Samples

Method 9075:	Test Method for Total Chlorine in New and Used Petroleum Products by X-Ray Fluorescence Spectrometry (XRF)
Method 9076:	Test Method for Total Chlorine in New and Used Petroleum Products by Oxidative Combustion and Microcoulometry
Method 9077:	Test Methods for Total Chlorine in New and Used Petroleum Products (Field Test Kit Methods)
Method A:	Fixed End Point Test Kit Method
Method B:	Reverse Titration Quantitative End Point Test Kit Method
Method C:	Direct Titration Quantitative End Point Test Kit Method
Method 9131:	Total Coliform: Multiple Tube Fermentation Technique
Method 9132:	Total Coliform: Membrane-Filter Technique
Method 9210:	Potentiometric Determination of Nitrate in Aqueous Samples with Ion-Selective Electrode
Method 9211:	Potentiometric Determination of Bromide in Aqueous Samples with Ion-Selective Electrode
Method 9212:	Potentiometric Determination of Chloride in Aqueous Samples with Ion-Selective Electrode
Method 9213:	Potentiometric Determination of Cyanide in Aqueous Samples and Distillates with Ion-Selective Electrode
Method 9214:	Potentiometric Determination of Fluoride in Aqueous Samples with Ion-Selective Electrode
Method 9215:	Potentiometric Determination of Sulfide in Aqueous Samples and Distillates with Ion-Selective Electrode
Method 9250:	Chloride (Colorimetric, Automated Ferricyanide AAI)
Method 9251:	Chloride (Colorimetric, Automated Ferricyanide AAI)
Method 9253:	Chloride (Titrimetric, Silver Nitrate)
Method 9320:	Radium-228

CHAPTER SIX -- PROPERTIES

Method 1030:	Ignitability of Solids
Method 1120:	Dermal Corrosion
Method 1312:	Synthetic Precipitation Leaching Procedure
Method 1320:	Multiple Extraction Procedure
Method 1330A:	Extraction Procedure for Oily Wastes
Method 9041A:	pH Paper Method
Method 9045C:	Soil and Waste pH
Method 9050A:	Specific Conductance
Method 9080:	Cation-Exchange Capacity of Soils (Ammonium Acetate)
Method 9081:	Cation-Exchange Capacity of Soils (Sodium Acetate)
Method 9090A:	Compatibility Test for Wastes and Membrane Liners
Method 9095A:	Paint Filter Liquids Test
Method 9096:	Liquid Release Test (LRT) Procedure
Appendix A:	Liquid Release Test Pre-Test
Method 9100:	Saturated Hydraulic Conductivity, Saturated Leachate Conductivity, and Intrinsic Permeability
Method 9310:	Gross Alpha and Gross Beta
Method 9315:	Alpha-Emitting Radium Isotopes

PART II CHARACTERISTICS

CHAPTER SEVEN -- CHARACTERISTICS INTRODUCTION AND REGULATORY DEFINITIONS

- 7.1 Ignitability
- 7.2 Corrosivity
- 7.3 Reactivity

Test Method to Determine Hydrogen Cyanide Released from Wastes

Test Method to Determine Hydrogen Sulfide Released from Wastes

- 7.4 Toxicity Characteristic Leaching Procedure

CHAPTER EIGHT -- METHODS FOR DETERMINING CHARACTERISTICS

- 8.1 Ignitability

Method 1010: Pensky-Martens Closed-Cup Method for Determining Ignitability

Method 1020A: Setaflash Closed-Cup Method for Determining Ignitability

- 8.2 Corrosivity

Method 9040B: pH Electrometric Measurement

Method 1110: Corrosivity Toward Steel

- 8.3 Reactivity

- 8.4 Toxicity

Method 1310A: Extraction Procedure (EP) Toxicity Test Method and Structural Integrity Test

Method 1311: Toxicity Characteristic Leaching Procedure

APPENDIX -- COMPANY REFERENCES

NOTE: A suffix of "A" in the method number indicates revision one (the method has been revised once). A suffix of "B" in the method number indicates revision two (the method has been revised twice). A suffix of "C" in the method number indicates revision three (the method has been revised three times). **In order to properly document the method used for analysis, the entire method number including the suffix letter designation (e.g., A, B, or C) must be identified by the analyst.** A method reference found within the RCRA regulations and the text of SW-846 methods and chapters refers to the latest promulgated revision of the method, even though the method number does not include the appropriate letter suffix.

VOLUME TWO

DISCLAIMER
ABSTRACT
TABLE OF CONTENTS
METHOD INDEX AND CONVERSION TABLE
PREFACE

CHAPTER ONE, REPRINTED -- QUALITY CONTROL

- 1.0 Introduction
- 2.0 QA Project Plan
- 3.0 Field Operations
- 4.0 Laboratory Operations
- 5.0 Definitions
- 6.0 References

PART III SAMPLING

CHAPTER NINE -- SAMPLING PLAN

- 9.1 Design and Development
- 9.2 Implementation

CHAPTER TEN -- SAMPLING METHODS

Method 0010:	Modified Method 5 Sampling Train
Appendix A:	Preparation of XAD-2 Sorbent Resin
Appendix B:	Total Chromatographable Organic Material Analysis
Method 0011:	Sampling for Selected Aldehyde and Ketone Emissions from Stationary Sources
Method 0020:	Source Assessment Sampling System (SASS)
Method 0023A:	Sampling Method for Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofuran Emissions from Stationary Sources
Method 0030:	Volatile Organic Sampling Train
Method 0031:	Sampling Method for Volatile Organic Compounds (SMVOC)
Method 0040:	Sampling of Principal Organic Hazardous Constituents from Combustion Sources Using Tedlar® Bags
Method 0050:	Isokinetic HCl/Cl ₂ Emission Sampling Train
Method 0051:	Midget Impinger HCl/Cl ₂ Emission Sampling Train
Method 0060:	Determination of Metals in Stack Emissions
Method 0061:	Determination of Hexavalent Chromium Emissions from Stationary Sources
Method 0100:	Sampling for Formaldehyde and Other Carbonyl Compounds in Indoor Air

PART IV MONITORING

CHAPTER ELEVEN -- GROUND WATER MONITORING

- 11.1 Background and Objectives
- 11.2 Relationship to the Regulations and to Other Documents
- 11.3 Revisions and Additions
- 11.4 Acceptable Designs and Practices
- 11.5 Unacceptable Designs and Practices

CHAPTER TWELVE -- LAND TREATMENT MONITORING

- 12.1 Background
- 12.2 Treatment Zone
- 12.3 Regulatory Definition
- 12.4 Monitoring and Sampling Strategy
- 12.5 Analysis
- 12.6 References and Bibliography

CHAPTER THIRTEEN -- INCINERATION

- 13.1 Introduction
- 13.2 Regulatory Definition
- 13.3 Waste Characterization Strategy
- 13.4 Stack-Gas Effluent Characterization Strategy
- 13.5 Additional Effluent Characterization Strategy
- 13.6 Selection of Specific Sampling and Analysis Methods
- 13.7 References

APPENDIX -- COMPANY REFERENCES

NOTE: A suffix of "A" in the method number indicates revision one (the method has been revised once). A suffix of "B" in the method number indicates revision two (the method has been revised twice). A suffix of "C" in the method number indicates revision three (the method has been revised three times). **In order to properly document the method used for analysis, the entire method number including the suffix letter designation (e.g., A, B, or C) must be identified by the analyst.** A method reference found within the RCRA regulations and the text of SW-846 methods and chapters refers to the latest promulgated revision of the method, even though the method number does not include the appropriate letter suffix.